

Statement of Basis

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Description: treated sanitary wastewater

Expected flow: 0.0025 MGD

Type of Flow Measurement which the facility is currently using: estimate based on DHH standards

Outfall 201Discharge Location: Latitude 29° 53' 26" North
Longitude 90° 04' 33" West

Description: treated equipment and truck washwater

Expected flow: 0.03 MGD

Type of Flow Measurement which the facility is currently using: estimate based on water usage

V. RECEIVING WATERS:

The discharge is into an unnamed ditch, thence into the Intracoastal Waterway in segment 020601 of the Barataria Basin. This segment is not listed on the 303(d) list of impaired waterbodies.

The designated uses and degree of support for Segment 020601 of the Barataria Basin are as indicated in the table below^{1/}:

Overall Degree of Support for Segment 020601	Degree of Support of Each Use						
	Primary Contact Recreation	Secondary Contact Recreation	Propagation of Fish & Wildlife	Outstanding Natural Resource Water	Drinking Water Supply	Shell fish Propagation	Agriculture
Full	Full	Full	Full	N/A	N/A	N/A	N/A

^{1/}The designated uses and degree of support for Segment 020601 of the Barataria Basin are as indicated in LAC 33:IX.1123.C.3, Table (3) and the 2004 Water Quality Management Plan, Water Quality Inventory Integrated Report, Appendix A, respectively.

VI. ENDANGERED SPECIES:

The receiving waterbody, Subsegment 020601 of the Barataria Basin, is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U.S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated October 24, 2007 from Boggs (FWS) to Brown (LDEQ). Therefore, in accordance with the Memorandum of Understanding between LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. It was determined that the issuance of the LPDES permit is not likely to have an adverse effect on any endangered species or candidate species or their critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat. Therefore, the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat.

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VII. HISTORIC SITES:

The discharge is from an existing facility location, which does not include an expansion beyond the existing perimeter. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the 'Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits' no consultation with the Louisiana State Historic Preservation Officer is required.

VIII. PUBLIC NOTICE:

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit modification and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

For additional information, contact:

Mrs. Angela Marse
Permits Division
Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313

IX. PROPOSED PERMIT LIMITS:**Final Effluent Limits:****OUTFALL 001**

Outfall 001 is for the discharge of stormwater runoff, treated washwater, and treated sanitary wastewater. The facility currently has coverage under the Multi-Sector General Permit for stormwater associated with industrial activity. Upon finalization of the permit, coverage under the MSGP will be terminated. Effluent limitations are based on the MSGP Sector P and General Permit LAG480000 for Light Commercial Facilities.

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
COD ¹	---	125 mg/l	LAG480000 for Light Commercial Facilities.
Total Suspended Solids	N/A	100 mg/l	Multi Sector General Permit, Sector P. Land Transportation and Warehousing effective May 1, 2006.

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If process wastewater is combined with stormwater, the COD limitation shall be 125 mg/l Daily Maximum (no Monthly Average limitation is set).

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Other Effluent Limitations:**1) pH**

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

Final Effluent Limits:**OUTFALL 101**

Outfall 101 is for the discharge of treated sanitary wastewater. Treatment for sanitary wastewater consists of aeration followed by sedimentation. Disinfection is by chlorination. Effluent limitations are based on the Sanitary General Permit LAG530000. Upon finalization of the permit, coverage under the general permit will be terminated.

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
BOD ₅	N/A	45 mg/l	Class I Sanitary General Permit LAG530000 effective December 1, 2002.
TSS	N/A	45 mg/l	Class I Sanitary General Permit LAG530000 effective December 1, 2002.

Other Effluent Limitations:**1) Fecal Coliform**

The discharge from this facility is into a water body which has a designated use of Primary Contact Recreation. According to LAC 33:IX.1113.C.5.b.i, the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Weekly Average) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgment in order to ensure that the water body standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

2) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

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3) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

Final Effluent Limits:

OUTFALL 201

Waste Management of Louisiana owns and operates a vehicle and equipment fueling and maintenance facility at the Peters Road site. They are proposing an equipment and truck wash station at the facility. Items to be washed include waste hauling trucks, general pick-up trucks, and roll-off bins. Wastes transported in trucks includes non-hazardous solid waste. Trucks will be empty when they arrive at the facility. After washing, dispatched trucks will reduce orders and waste by-products carried onto local streets. Treatment for washwater consists of an oil/water separator and clarifier.

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
TSS	N/A	45 mg/l	Light Commercial General Permit LAG480000, Schedule B.
COD ¹	200 mg/l	300 mg/l	Light Commercial General Permit LAG480000, Schedule B.
Oil and Grease	N/A	15 mg/l	Light Commercial General Permit LAG480000, Schedule B.
Soaps and/or detergents ¹	N/A	N/A	Light Commercial General Permit LAG480000, Schedule B.
Visible Sheen ²	N/A	No Presence	Light Commercial General Permit LAG480000, Schedule B.

¹ You must document in a monthly inventory record the quantity and type of any Soap and/or Detergent that you use during each calendar month. Your inventory records should contain this information for each month beginning one month after the effective date of your permit. Do not submit your inventory records to LDEQ when you submit your DMRs and do not report on your DMRs the quantity of Soap and/or Detergent used during the reporting period. A Material Safety Data Sheet (MSDS) for each material used shall be available upon the initial use of a product. The permittee must keep the inventory records, the MSDS for each Soap and/or Detergent used, and copies of the facility's DMR records on file at the permitted facility.

² The limitation shall be "No Visible Sheen". Visual observation shall be made once per day when discharge occurs and the presence or absence of a sheen recorded. The number of exceedances and the total number of observations shall be reported on a DMR annually.

Other Effluent Limitations:

1) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

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2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

X. PREVIOUS PERMITS:

The facility currently has coverage under the Multi Sector General Permit and the Sanitary General Permit. Upon finalization of the permit, coverage under both general permits will be terminated.

XI. ENFORCEMENT AND SURVEILLANCE ACTIONS:**A) Inspections**

A review of the files indicates no recent inspections were performed for this facility.

B) Compliance and/or Administrative Orders

A review of the files indicates no recent enforcement actions administered against this facility.

C) DMR Review

A review of the annual discharge monitoring reports for LAG532067 for the monitoring period 2006 revealed violations of BOD, TSS, and fecal coliform at outfall 101.

XII. ADDITIONAL INFORMATION:**PERMIT REOPENER CLAUSE**

In accordance with LAC 33:IX.2361.C.3, this permit may be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitations issued or approved under sections 301(b)(2)(c) and (D); 304(b)(2); and 307(a)(2) of the Clean Water Act, if the effluent standard or limitations so issued or approved:

- a) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
- b) Controls any pollutant not limited in the permit; or
- c) Requires reassessment due to change in 303(d) status of waterbody; or
- d) Incorporates the results of any total maximum daily load allocation, which may be approved for the receiving water body. The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions as a result of the TMDL. Therefore, prior to upgrading or expanding this facility, the permittee should contact the Department to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

At present, the **Monitoring Requirements, Sample Types, and Frequency of Sampling** as shown in the permit are standard for facilities and discharges of this nature.

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XIII TENTATIVE DETERMINATION:

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to issue a permit for the discharge described in this Statement of Basis.

XIV REFERENCES:

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 8, "Wasteload Allocations / Total Maximum Daily Loads and Effluent Limitations Policy," Louisiana Department of Environmental Quality, 2005.

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 5, "Water Quality Inventory Section 305(b) Report," Louisiana Department of Environmental Quality, 1998.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Chapter 11 - "Louisiana Surface Water Quality Standards," Louisiana Department of Environmental Quality, 2004.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Subpart 2 - "The LPDES Program," Louisiana Department of Environmental Quality, 2004.

Low-Flow Characteristics of Louisiana Streams, Water Resources Technical Report No. 22, United States Department of the Interior, Geological Survey, 1980.

Index to Surface Water Data in Louisiana, Water Resources Basic Records Report No. 17, United States Department of the Interior, Geological Survey, 1989.

LPDES Permit Application to Discharge Wastewater, Waste Management of Louisiana, LLC, Peters Road Hauling Facility, September 26, 2007.